

FORM PTO-1390 (REV. 11-2000) <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>ATTORNEY DOCKET NUMBER AM100246-00</b> U.S. APPLICATION NO (IF KNOWN SEE 37 CFR 1.5) <b>10/019481</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US 00/17895</b>	INTERNATIONAL FILING DATE <b>June 28, 2000</b>	PRIORITY DATE CLAIMED <b>July 5, 1998</b>
<b>TITLE OF INVENTION: ANT Controllers and Method for Application Thereof</b>		
APPLICATION(S) FOR DO/EO/US: Takagi, Kazuhiro, et al.		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under <u>35 U.S.C. 371</u>.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include the items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> Has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(C)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> Has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C.371(c)(3))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 20 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A Change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ol>		

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.6)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
<b>10/019481</b>	<b>PCT/US00/17895</b>	<b>AM100246-00</b>		
21. <input checked="" type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS</b> <input type="checkbox"/> PTO USE ONLY		
<b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b>				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....		\$1040.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....		\$890.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....		\$740.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....		\$710.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....		\$100.00		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$740.00</b>		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		20 <input checked="" type="checkbox"/> 30 \$		
CLAIMS	Number Filed	Number Extra	Rate	
Total claims	19 - 20 =	0	X \$18.00	\$0.00
Independent claims	1 - 03 =	0	X \$80.00	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$270.00	<b>\$270.00</b>	
<b>TOTAL OF ABOVE CALCULATION =</b>		<b>\$0.00</b>		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	+ \$			
<b>SUBTOTAL =</b>		<b>\$1010.00</b>		
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		20 <input type="checkbox"/> 30 +	\$	
<b>TOTAL NATIONAL FEE =</b>		<b>\$1010.00</b>		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property</b>		+ \$40.00		
<b>TOTAL FEES ENCLOSED =</b>		<b>\$0.00</b>		
		Amount to be: Refunded	\$	
		Charged	<b>\$1,050.00</b>	
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>02-1197</u> in the amount of <u>\$1050.00</u> to cover the above fees A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-1197</u> . A duplicate copy of this sheet is enclosed.				
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>				
SEND ALL CORRESPONDENCE TO: BASF CORPORATION Patent Department 3000 Continental Drive - North Mount Olive, New Jersey 07828-1234 (973) 426-3293		 SIGNATURE Barbara V. Maurer _____ Name _____ 31,278 _____ REGISTRATION NUMBER _____		

10/019481  
JCL 30 PCT/PTO 31 DEC 2001

Docket No. AM100246-00  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Kazuhiro Takagi et al.**  
Serial No.: **To Be Assigned** Examiner: **To Be Assigned**  
Filed: **Herewith** Art Unit: **To Be Assigned**  
For: **Ant Controllers And Method For Application Thereof**

Assistant Commissioner for Patents  
Washington, DC 20231

December 27, 2001

Sir:

FILING RECEIPT

Here are the following papers:

1. Transmittal Letter to the U.S. Designated/Elected Office Concerning A Filing Under 35 U.S.C. 371
2. International Application Publication No. WO 01/01782
3. International Application Publication No. WO 01/01782 with amended claims 1-10
4. International Preliminary Examination Report
5. Assignment of Invention with Recordation Cover Sheet

The PTO is respectfully requested to date stamp the duplicate copy of this receipt and return it to the person filing the papers.

Respectfully submitted,



Barbara V. Maurer  
Reg. No. 31,278

Intellectual Property Department  
BASF Corporation  
3000 Continental Drive - North  
Mount Olive, New Jersey 07828-1234  
Tel. No. (609) 716-3273

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JC10 Rec'd PCT/PTO 31 DEC 2001

The PTO did not receive the following  
listed item(s)

No Postcard